



## Micro LED

Providing excellent display watching experience for high contrast and better transparency.

### Micro LED for 5.1" Transparent Display

#### Features :

- Active matrix driving topology
- Flip chip RGB LED
- Micro LED+ Si IC on glass
- Transparency reach 70%
- Brightness >1000 nits

Courtesy of  Xdisplay.



Chip Dimension ( $\mu\text{m}$ )	8 x 15
Backplane	Glass
Resolution (pixel)	320 x 160
Brightness (nits)	Max 3000
Transmittance (%)	70

## 0202 i-pixel Package for 12" P0.75 Display

### Features :

- The world's smallest Micro LED package
- Ultra fine pitch LED display
- High black surface ratio
- High contrast
- Ultra thin package (< 150  $\mu\text{m}$ )
- Suitable for passive matrix driving current



Chip Dimension ( $\mu\text{m}$ )	40 x 80
Backplane	PCB
Resolution (pixel)	320 x 240
Brightness (nits)	1000
Black Surface Ratio	> 97 % @ P0.75 mm module

## 0303 i-pixel+ Package for 1" P0.75 Display

### Features :

- The world's smallest Micro LED +Si IC
- Active matrix driving in package
- High black surface ratio
- High contrast
- No scan line flicker
- Reduce >20% power saving
- 14+2 bits gray scale
- Package thickness <150  $\mu\text{m}$

Courtesy of **DAKTRONICS** 

Chip Dimension ( $\mu\text{m}$ )	13 x 20
Backplane	PCB
Resolution (pixel)	30 x 30
Brightness (nits)	1000